

ABSTRACT OF THE DISCLOSURE

A universal fleet electrical system includes a central power distribution panel, which includes a fuse panel and a lighting selector junction box, together with a universal wiring harness. A dash mounted console is provided for operator control of accessory devices. The console may include a keyed switch interconnected with a security power control relay for enabling a user to connect and disconnect power to the universal wiring harness. Power may be connected and disconnected to the universal wiring harness through the use of a master switch with a circuit breaker. The lighting selector junction box permits various lighting accessories to be connected to different light level circuits. The universal wiring harness may include a plurality of plug and play connectors to facilitate rapid attachment/removal of external accessories. A serial interface may interconnect the wiring harness with the fuse panel.